



PATENT  
Customer No. 22,852  
Attorney Docket No. 01165.0903

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
Masaaki MATSUNAGA et al. ) Group Art Unit: 2871  
)  
Application No.: 10/632,819 ) Examiner: George Y. Wang  
)  
Filed: August 4, 2003 ) Confirmation No.: 9219  
)  
For: LIQUID CRYSTAL SHUTTER FOR )  
EXPOSURE DEVICE )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(c)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), applicants bring to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed after the events recited in Section 1.97(b) but, to the undersigned's knowledge, before the mailing date of either a Final action, Quayle action, or a Notice of Allowance. Under the provisions of 37 C.F.R. § 1.97(c), this Information Disclosure Statement is accompanied by a fee of \$180.00 as specified by Section 1.17(p).

Each document listed in this Information Disclosure Statement was cited in an Office Action mailed February 22, 2005 by the Japanese Patent Office (JPO) in a counterpart foreign application, and this Information Disclosure Statement is being filed within thirty days of the mailing date of that communication. In accordance with 37 C.F.R. § 1.704(d), no negative patent term adjustment consequences will apply to this Information Disclosure Statement.

An Abstract of each of the three listed Japanese patent documents is attached.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

Also attached is a copy of the aforementioned JPO Office Action which is being submitted as a courtesy to the Examiner. Although in Japanese, the second page thereof lists an additional Japanese patent document, namely, 2-71222. This document is not being submitted herewith because it was submitted previously in an Information Disclosure Statement filed December 19, 2003.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any additional fee due in connection with the filing of this Statement, please charge the additional fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: March 21, 2005

By: 

Tipton D. Jennings  
Reg. No. 20,645

Complete if Known

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

1

Application Number

10/632,819

Filing Date

August 4, 2003

First Named Inventor

Masaaki MATSUNAGA

Art Unit

2871

Examiner Name

George Y. Wang

Attorney Docket Number

01165.0903-00000

## U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Abstract of Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		JP 06-186581	08/08/1994	Citizen Watch Co., Ltd.		Abstract
		JP 60-021028	02/02/1985	Canon Inc.		Abstract
		JP 05-019242	01/29/1993	Matsushita Electric Ind. Co. Ltd.		Abstract

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>

Examiner  
SignatureDate  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.